

= = = = = =
BSTAT

- - - - - -

Basic Statistics Calculator

= = = = = =

RESULTS BLOCK RANGE 1 RANGE 2 RANGE 3 RANGE 4

----- ----- ----- ----- -----

No. of Observ.

Maximum

Minimum

Range

Mean (Average)

Population Statistics

-

Variance

Standard Deviation

Sample Statistics

-

Variance

Standard Deviation

DATA INPUT BLOCK

Observation No. RANGE 1 RANGE 2 RANGE 3 RANGE 4

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```

=          =
          MENU      Input      Blank      Calc
-          -      Input Data  Clear Input FieCalculate Resu
=          =      {home}      /xmblank~  {home}
          =          /xg\I~          /xg\C~

```

```

RANGE 5    RANGE 6
-----    -----
          blank      No          Yes
          Cancel "Blank'Yes, Erase all i
          /xmmenu~  /wgpd
          \M          {goto}aa1~{gc
          {ESC}{ESC}{ESC} /rea31.h2048~
          {ESC}{ESC}{ESC} {HOME}/reM:
          {ESC}{ESC}{ESC} /rec9.h25~
          {ESC}/xmMENU~  /wgpe
          /xmmenu~

```

```

          \P
          /wgpd
RANGEFIX /rndRANGE0~/rndRANGE1~/cTEMP1~TEM
          /rndRANGE4~/rndRANGE5~{goto}TEMP2.
          /xi@count(c31.c32)<2~/rncR/ppcrra1.
          {GOTO}c31~/temp2      h124
          /xi@count(d31.d32)<2~/rncR~q
          {GOTO}d31~/rncRANGE2~ {home}
          /xi@count(e31.e32)<2~/rncR/ppg
          {GOTO}e31~/rncRANGE3~/xmMENU~
          /xi@count(f31.f32)<2~/rncRANGE4~f31~/x
          {GOTO}f31~/rncRANGE4~{bs}. {END} {D
          /xi@count(g31.g32)<2~/rncRANGE5~f31~/:
          {GOTO}g31~/rncRANGE5~{bs}. {END} {D
          /xi@count(h31.h32)<2~/rncRANGE6~h31~/
          {GOTO}h31~/rncRANGE6~{bs}. {END} {D
          /xi@count(a31.a32)<2~/rncRANGE0~a31~/:
          {GOTO}a31~/rncRANGE0~{bs}. {END} {D
          \C          /xr
          /xi@count(c31.h50)=0~/xmmenu~~
          /wgpd
          /rePMS1~/reMSG1~/reMSG2~
          {goto}c9~@COUNT(C31..C2048)~/c~d9.h9~

```

```

RANGE 5    RANGE 6
-----    -----

```

```
/rea31.a2048~
{goto}TEMP1~@max(MAXNO)~
{edit}+30{calc}~{edit}{home}'~
{goto}a31~/df//{esc}a31.a
131
~1~1~2048~
/xcRANGEFIX~
{goto}RESPAGE~
{goto}c11~@IF(C$9=0,@NA,@MAX(C31..C2048))~/c~d
{goto}c12~@IF(C$9=0,@NA,@MIN(C31..C2048))~/c~d1.
{goto}c13~+C11-C12~/c~d13.h13~
{goto}c15~@IF(C$9=0,@NA,@AVG(C31..C2048))~/c~d1
{goto}c19~@IF(C$9=0,@NA,@VAR(C31..C2048))~/c~d1
{goto}c20~@IF(C$9=0,@NA,@STD(C31..C2048))~/c~d2
{goto}c24~+C9/(C9-1)*C19~/c~d24.h24~
{goto}c25~@SQRT(C24)~/c~d25.h25~
{home}/wgpe/xmMENU~
```

```

gy Inc. PLOT1
Results Graph Print Agenda Quit
Show Results Plot Graph(s) cPrint Results Return to WorlExit to 1-2-3
{goto}aa1~ /xmMONITOR/xg\P~ /xmagen~ /xq
{goto}RESPAGE~
/xmmenu~ agen
No Yes
nput Cancel RequesYes, Erase Worksheet. ReturnPLOT2
/xmmenu~ /fragenda~
to}PARK~ 156
148
SG1~
GRAPHFIX
/grgtxocfglqtyY Values~q
xRANGE0~otxObservation Numbers~qq PLOT3
/xcMSET~
/xr
MONITOR
Color B&W Quit
MP2~ Print Graphs inPrint Graphs inReturn to Menu
~{edit} {home} {right}h~ /ruMSET~ /ruMSET~/cBS/xmMENU~
/cCSET~MSE/xmPLOT1~ PLOT4
/xmPLOT1~
CSET /gocqq
BSET /gobqq
gj30~ MSET /gocqq
OWN}~ /xr PLOT5
xgj32~
OWN}~ \0 \B
xgj34~ /ruPMS1~/cPMS~PMS1~
OWN}~ /wgpe
xgj36~ /rncRANGE0~A1~/rncRANGE1~A1~/rncRANGE2~A1~/r
OWN}~ /rncRANGE4~A1~/rncRANGE5~A1~/rncRANGE6~A1~
INPUT MACRO \i {calc}/xmMENU~ PLOT6
/wgpd
/xnEnter Max. Number of Observations ~TEMP~
{goto}TEMP~{edit}+31)) {home} @min(2000,@int({calc}~
/rea31.a2048~

```

```
/ruSTORE~/cTEMP~STORE~{goto}STORE~
{edit} {home}h~
/ru {bs}c31.
h156
~{home}/cPMS~PMS1~
{goto}MSG1~For Menu hold Alt key down & press M key~
{goto}PARK~
{goto}MSG2~For Menu hold Alt key down & press M key~
/ruPMS1~/ruMSG1~/ruMSG2~
/cSTORE~STORE1~{goto}STORE1~{EDIT} {HOME} {RIGHT} {DEL}~PLOT8
{goto}a31~/df{bs}a31.a
156
~1~1~2048~
{home}/wgpe {goto}PARK~
{goto}RGE1~{up} {up} {right} {right} {right} {down} {down} {down} {down} {left} {left}
{left} {left} {up} {up} {up} {up} {up} {right} {right} {down} {down} {down} {down} {left}
```

PLOT7

1Range 2Range 3Range 4Range 5Range 6Range
Plot Range 1 Plot Range 2 Plot Range 3 Plot Range 4 Plot Range 5 Plot Range 6
/xcGRAPHFIX/xcGRAPHFIX/xcGRAPHFIX/xcGRAPHFIX/xcGRAPHFIX/xcGRAPHFIX
/gaRANGE1~c/gaRANGE2~c/gaRANGE3~c/gaRANGE4~c/gaRANGE5~c/gaRANGE6~c
{goto}PARK~{goto}PARK~{goto}PARK~{goto}PARK~{goto}PARK~{goto}PARK~
/xmPLOT1~ /xmPLOT1~ /xmPLOT1~ /xmPLOT1~ /xmPLOT1~ /xmPLOT1~

A12Range B13Range C14Range D15Range E16Range NextMenu
Plot Ranges 1 aPlot Ranges 1 aPlot Ranges 1 aPlot Ranges 1 aPlot Ranges 1 aGo to next plot
/xcGRAPHFIX/xcGRAPHFIX/xcGRAPHFIX/xcGRAPHFIX/xcGRAPHFIX/xmPLOT3~
/gaRANGE1~t/gaRANGE1~t/gaRANGE1~t/gaRANGE1~t/gaRANGE1~bRANGE6~q{g
{goto}PARK~{goto}PARK~{goto}PARK~{goto}PARK~{goto}PARK~
/xmPLOT2~ /xmPLOT2~ /xmPLOT2~ /xmPLOT2~ /xmPLOT2~

A23Range B24Range C25Range D26Range E34Range NextMenu
Plot Ranges 2 aPlot Ranges 2 aPlot Ranges 2 aPlot Ranges 2 aPlot Ranges 3 aGo to next plot
/xcGRAPHFIX/xcGRAPHFIX/xcGRAPHFIX/xcGRAPHFIX/xcGRAPHFIX/xmPLOT4~
/gaRANGE2~t/gaRANGE2~t/gaRANGE2~t/gaRANGE2~t/gaRANGE3~bRANGE4~q{g
{goto}PARK~{goto}PARK~{goto}PARK~{goto}PARK~{goto}PARK~
/xmPLOT3~ /xmPLOT3~ /xmPLOT3~ /xmPLOT3~ /xmPLOT3~

A35Range B36Range C45Range D46Range E56Range NextMenu
Plot Ranges 3 aPlot Ranges 3 aPlot Ranges 4 aPlot Ranges 4 aPlot Ranges 5 aGo to next plot
/xcGRAPHFIX/xcGRAPHFIX/xcGRAPHFIX/xcGRAPHFIX/xcGRAPHFIX/xmPLOT5~
/gaRANGE3~t/gaRANGE3~t/gaRANGE4~t/gaRANGE4~t/gaRANGE5~bRANGE6~q{g
{goto}PARK~{goto}PARK~{goto}PARK~{goto}PARK~{goto}PARK~
/xmPLOT4~ /xmPLOT4~ /xmPLOT4~ /xmPLOT4~ /xmPLOT4~

A123Rge B124Rge C125Rge D126Rge E134Rge NextMenu
Plot Ranges 1, Plot Ranges 1, Plot Ranges 1, Plot Ranges 1, Plot Ranges 1, Go to next plot
/xcGRAPHFIX/xcGRAPHFIX/xcGRAPHFIX/xcGRAPHFIX/xcGRAPHFIX/xmPLOT6~
/gaRANGE1~t/gaRANGE1~t/gaRANGE1~t/gaRANGE1~t/gaRANGE1~bRANGE3~cR.
{goto}PARK~{goto}PARK~{goto}PARK~{goto}PARK~{goto}PARK~
/xmPLOT5~ /xmPLOT5~ /xmPLOT5~ /xmPLOT5~ /xmPLOT5~

A135Rge B136Rge C145Rge D146Rge E234Rge NextMenu
Plot Ranges 1, Plot Ranges 1, Plot Ranges 1, Plot Ranges 1, Plot Ranges 2, Go to next plot
/xcGRAPHFIX/xcGRAPHFIX/xcGRAPHFIX/xcGRAPHFIX/xcGRAPHFIX/xmPLOT7~
/gaRANGE1~t/gaRANGE1~t/gaRANGE1~t/gaRANGE1~t/gaRANGE2~bRANGE3~cR.
{goto}PARK~{goto}PARK~{goto}PARK~{goto}PARK~{goto}PARK~

/xmPLOT6~ /xmPLOT6~ /xmPLOT6~ /xmPLOT6~ /xmPLOT6~

A235Rge B236Rge C345Rge D346Rge E456Rge F1234Rge
Plot Ranges 2, Plot Ranges 2, Plot Ranges 3, Plot Ranges 2, Plot Ranges 4, Plot Ranges 1,
/xcGRAPHFIX/xcGRAPHFIX/xcGRAPHFIX/xcGRAPHFIX/xcGRAPHFIX/xcGRAPHFIX
/gaRANGE2~t/gaRANGE2~t/gaRANGE3~t/gaRANGE3~t/gaRANGE4~t/gaRANGE1~t
{goto}PARK~{goto}PARK~{goto}PARK~{goto}PARK~{goto}PARK~{goto}PARK~
/xmplot7~ /xmplot7~ /xmplot7~ /xmplot7~ /xmplot7~ /xmplot7~

A1235Rge B1236Rge C1345Rge D1346Rge E1456Rge F12345
Plot Ranges 1, Plot Ranges 1, Plot Ranges 1, Plot Ranges 1, Plot Ranges 1, Plot Ranges 1,
/xcGRAPHFIX/xcGRAPHFIX/xcGRAPHFIX/xcGRAPHFIX/xcGRAPHFIX/xcGRAPHFIX
/gaRANGE1~t/gaRANGE1~t/gaRANGE1~t/gaRANGE1~t/gaRANGE1~t/gaRANGE1~t
{goto}PARK~{goto}PARK~{goto}PARK~{goto}PARK~{goto}PARK~{goto}PARK~
/xmPLOT8~ /xmPLOT8~ /xmPLOT8~ /xmPLOT8~ /xmPLOT8~ /xmPLOT8~

NextMenu Quit
Go to next plotReturn to Ready Mode
/XMPLOT2~ /xmMENU~
l{graph}

PrevMenu Quit
Go to previousReturn to ready Mode
/xmPLOT1~ /xmMENU~
;raph}

PrevMenu Quit
Go to previousReturn to ready Mode
/xmPLOT2~ /xmMENU~
;raph}

PrevMenu Quit
Go to previousReturn to ready Mode
/xmPLOT3~ /xmMENU~
;raph}

PrevMenu Quit
Go to previousReturn to ready Mode
/xmPLOT4~ /xmMENU~
ANGE4~q{graph}

PrevMenu Quit
Go to previousReturn to ready Mode
/xmPLOT5~ /xmMENU~
ANGE4~q{graph}

NextMenu Quit

Go to next plotReturn to ready Mode

/xmPLOT8~ /xmMENU~

oRANGE2~cRANGE3~dRANGE4~q{graph}

G123456 Quit

Plot Ranges 1, Return to Ready Mode

/xcGRAPHFIX/xmMENU~

/gaRANGE1~bRANGE2~cRANGE3~dRANGE4~eRANGE5~fRANGE6~q{graph}

{goto}PARK~

/xmPLOT8~